

fiber options

OH-TR-50-850-MM Fiber SFP Data Sheet

Data Optical Transceiver

- Multimode data optical transceiver
- Receiver and transmitter in single package
- Data rate 1.25Gbps/1.063Gbps compatible with SONET OC-24-LR-1
- Transmitter wavelength 850nm
- Receive wavelength 850nm
- TX Distances up to 550m**
- For use with yellobrik and Series 5000 product lines
- Pluggable and hot swappable

The OH-TR-50-850-MM Data optical transceiver is a plug in option for select LYNX Technik yellobrik and Series 5000 products. This SFP module includes a receiver and a transmitter which facilitates the conversion of an electrical data signal into an optical signal for transmission over fiber, and will also receive an optical data signal for conversion to an electrical signal for further processing. Fixed TX wavelength of 850nm suitable for distances up to 550m** (multimode fiber)

A socket, or "cage" is provided for the SFP in the supporting LYNX product for easy installation or upgrade. The SFP is hot swappable.

TX Specifications

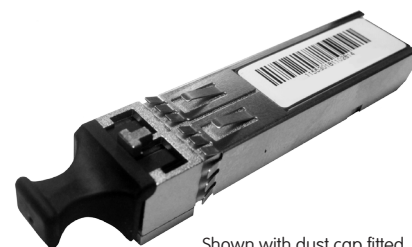
| Parameter | Min | Typ | Max |
|---------------|--------|-----------|--------|
| Wavelength | | 850nm | |
| Optical Power | -9 dBm | - | -3 dBm |
| Data rate | - | 1.25 Gbps | - |

RX Specifications

| Parameter | Min | Typ | Max |
|-------------|-----|-------|---------|
| Sensitivity | - | - | -16 dBm |
| Wavelength | | 850nm | |

Multimode Fiber: 50/125µm or 62.5/125µm

** Distance is an approximation. Actual distances achieved can be longer or shorter depending on the type of fiber cable and accumulated optical losses in the fiber link. Determine link losses and perform optical budget calculations to ensure correct operation.



Shown with dust cap fitted

Mechanical

| Parameter | |
|--------------------------------------|-------------------------|
| Size (not including connector - typ) | 57mm x 13.4mm x 12.4mm |
| Weight | 50g |
| SFP Connector pinning | MSA |
| Fiber connections | LC / Duplex - Multimode |
| Operating Temperature Range | 5°C - 40°C |
| Power Supply Voltage | 3.3VDC |
| Power Consumption | 300mA |
| Humidity (non condensing) | 10% - 90% |

Ordering Information

| EAN / UPC | Model | Description |
|---------------|-----------------|------------------------------------|
| 4250479324206 | OH-TR-50-850-MM | Data Fiber Transceiver - Multimode |

WARNING

This SFP module is a Class 1 laser device which complies to IEC825 and FDA 21 CFR 1040.10 and 1040.11. The device must be operated within specified temperature and voltage limits. The optical ports of the module must always be terminated with an optical connector or a dust plug (dust plug supplied)

Country of manufacture: China

Rev 1.0 Specifications subject to change

LYNXTechnik **AG**[®]

www.lynx-technik.com

LYNX Technik AG
Brunnenweg 3
D-64331 Weiterstadt
Germany
PH +49 (0) 6150 1817 0
info@lynx-technik.com

LYNX Technik Inc
26366 Ruetter Ave.
Santa Clarita, CA 91350
USA
PH +1 (661) 251 8600
infousa@lynx-technik.com

LYNX Technik Pte Ltd
19 Burn Road
#01-01 Advance Building
Singapore, 369974
PH +65 648 1622
infoasia@lynx-technik.com